

U.S. Department
of Transportation

United States
Coast Guard



Commanding Officer
Coast Guard Integrated
Support Command Ketchikan -
Juneau Staff

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5100.3/5 & 6260.12

12 March 1997

From: LCDR David P. Bleicher, Safety and Environmental Health
Branch

To: Commanding Officer, CGC Storis

Subj: PCB ANALYSIS OF MAIN PROPULSION CABLE

1. The main propulsion cable of CGC Storis was sampled on 22 January 1997 and analyzed for PCBs prior to its removal for replacement.
2. Analysis showed no PCBs present. This information was telephonically relayed to members of your crew on 31 January 1997. A copy of the analytical report is provided for your records.
3. For additional discussion of this result or information please contact me at 463-2236.

A handwritten signature in dark ink, appearing to read "D. P. Bleicher".
D. P. BLEICHER
By direction

Encl: Analytical Report

✓ Copy: MLCPAC (kse)

960 West LeVoy Drive / Salt Lake City, Utah 84123-2547 / (801) 266-7700
FAX (801) 268-9992

Date **JAN 31 1997**

Laboratory Group Name 97I-0157-01

General Set Comments

Method : 8080 MOD.

A 1 g portion of sample was extracted in 10 mL of hexane and rotated for one hour. A HP5890 GC equipped with electron capture detector and 30 m X 0.25 mm X 0.25 μ m of DB-1 Column was used for analysis. Temperature program was 75C for 2 min, ramp at 50C/min to 150C, ramp at 5C/min to 275C for 16.5 min. Injection volume was 3 μ L. Laboratory control sample (LCS), Matrix spike (MS) and matrix spike duplicate samples (MSD) were performed. PCB1016 and PCB1260 were spiked at 5.0 μ g/g in LCS, MS and MSD. Surrogate TCMX was spiked at 0.2 μ g/g in all samples. The recoveries of LCS and surrogate were within QC limits. PCB1016 and PCB1260 in MS and MSD had high recoveries. This was due to sample matrix interferences.

Sample Comments

Laboratory
Number

-- Comment --

97I01130	Dil. 1X100 was necessary for analysis.
97I01130MS	Dil. 1X10 was necessary for analysis.
97I01130MSD	Dil. 1X10 was necessary for analysis.